

9. iREEC 2022 programme conference overview

 <p>iREEC 2022 International Researchers of the Education for Environmental Citizenship</p>	
 <p>European Network for Environmental Citizenship Cost Action CA16229</p>	
<p>Thursday, 10 March 2022- Online event</p>	
09:15- 09:45 CET	<p>Plenary MC Meeting Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE</p>
09:45- 11:00 CET	<p>Round 1: Session 2 <i>Environmental Citizenship as a Psychological Construct (Knowledge(S), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)</i> Chairperson: Dr. Niklas GERICKE</p>
11:00- 11:15 CET	<p>Coffee Break</p>
11:15- 12:30 CET	<p>Round 2: Session 5a <i>Education for Environmental Citizenship in Formal Education</i> Chairperson: Dr. Marie-Christine KNIPPELS</p>

12.30- 14.00 CET	Lunch break
14:00 - 15:00 CET	<p>Round 3: Session 3a <i>Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)</i> Chairperson: Dr. Jelle BOEVE-DE PAUW</p>
15:00 - 15:15 CET	Coffee Break
15:15 - 16:15 CET	<p>Round 4: Session 3b <i>Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)</i> Chairperson: Dr. Andri CHRISTODOULOU</p>
16:15- 16:30 CET	Coffee Break
16:30- 17:30 CET	<p>Round 5: Session 3c <i>Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)</i> Chairperson: Prof. Pedro REIS</p>
17:30- 18:00 CET	Interactive Poster Session

Friday, 11 March 2022- Online event	
08:15- 09:30 CET	Round 6: Session 4 <i>Environmental Citizenship in Different Sectors (Heritage, Tourism, Transport, Cities, Etc.)</i> Chairperson: Prof. Pedro REIS
09:30- 09:45 CET	Coffee Break
09:45- 10:45 CET	Round 7: Sessions 1 & 7 <i>Social, Economic and Political Dimensions of Environmental Citizenship</i> <i>Education for Environmental Citizenship in In-Formal Education</i> Chairperson: Dr. Audronė TELEŠIENĖ
10:45- 11:00 CET	Coffee Break
11:00- 12:15 CET	Symposium Session <i>Concepts of Empowerment: the Role of Energy and Environmental Citizenship in The Energy Transition</i> Chairperson: Dr. David C. FINGER
12:15- 13:45 CET	Lunch Break
13:45- 15:00 CET	Round 8: Session 6 <i>Education for Environmental Citizenship in Non-Formal Education</i> Chairperson: Dr. Marie-Christine KNIPPELS
15:00 - 15:15 CET	Coffee break
15.15 - 16.45 CET	Round 9: Session 5b <i>Education for Environmental Citizenship in Formal Education</i> Chairperson: Dr. Marta ROMERO ARIZA
16:45- 17:00 CET	Coffee Break
17:00- 18:00 CET	Closing Plenary MC Meeting Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE.

10. Scientific programme

Thursday, 10th of March 2022, Online Event

Opening Plenary MC Meeting, 09:15-09:45 CET

Chairperson: Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of Cyprus Centre for Environmental Research and Education (CYCERE)

Thursday, 10th of March 2022, Online Event

Session 2, 09:45 - 11:00 CET

Environmental Citizenship as a Psychological Construct (Knowledge(S), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)

ENEC's Working Group 3 Meeting

Chairperson: Dr. Niklas GERICKE

R1-2-1 - A Value-Based Framework Connecting Environmental Citizenship and Change Agents for Sustainability – Implications for Education for Environmental Citizenship

Daphne Goldman¹ & Ariel Sarid²

1: Department of Environmental Science and Agriculture, Faculty of Education, Beit Berl College

2: Head of the Master Program for Management and Organization of Educational Systems, Faculty of Education, Beit Berl College

R1-2-2 - Construct of Young Environmental Citizens in Nordic Countries: Their Concerns, Values, Engagement, and Intended Future Actions

Saiki Lucy Cheah¹ & Lihong Huang²

1: Helsinki University

2: Oslo Metropolitan University

R1-2-3 - Students' Action Competence for Sustainability and the Effectiveness of Sustainability Education

Daniel Olsson¹, Niklas Gericke¹, & Jelle Boeve-De Pauw^{1,2}

1: Karlstad University, Institution of Environmental and Life Sciences, Karlstad, Sweden



2: *University of Antwerp, Faculty of Social Sciences, Department of Training and Education Sciences, Research Unit Edubron, Antwerp, Belgium*

R1-2-4 - The Role of Education, Self - Reported Knowledge and Environmental Risk Perception in the Disaster Preparedness

Aistė Balžekienė

Civil Society and Sustainability Research Group, Kaunas University of Technology, Lithuania

Thursday, 10th of March 2022, Online Event

Session 5a, 11:15 - 12:30 CET

Education for Environmental Citizenship in Formal Education

ENEC's Working Group 3 Meeting

Chairperson: Dr. Marie-Christine KNIPPELS

R2-5a-1 - Environmental Education in Albanian Lower Secondary Education Curricula in the light of The UNESCO Framework

Nevila Çinaj¹ & Klodiana Gorica²

1: University of "Aleksander Moisiu" Durres, Department of Tourism

2: University of Tirana

R2-5a-2 - Environmental Citizenship of Dutch Lower Secondary Students

Michiel Van Harskamp, Marie-Christine P.J. Knippels & Wouter R. Van Joolingen

Freudenthal Institute, Utrecht University, The Netherlands

R2-5a-3 - Socio-Scientific Inquiry-Based Learning as a Means Towards Environmental Citizenship through the Lens of Critical Realism

Marta R. Ariza¹, Andri Christodoulou², Michiel Van Harskamp³, Marie-Christine P.J. Knippels³, Eleni A. Kyza⁴, Ralph Levinson⁵ & Andria Agesilaou⁴

1: Department of Didactics of Sciences, University of Jaén, Spain

2: Southampton Education School, University of Southampton, United Kingdom

3: Freudenthal Institute, Utrecht University The Netherlands

4: Media, Cognition and Learning Research Group, Department of Communication and Internet Studies, Cyprus University of Technology, Limassol, Cyprus

5: University College London Institute of Education, United Kingdom

R2-5a-4 - The Impact of a General Elective Course on Sustainability on the Environmental Citizenship of Undergraduate Students

Jelle Boeve-De Pauw^{1,2}, Audronė Telešienė³, Daphne Goldman⁴ & Ralph Hansmann⁵

1: University of Antwerp, Faculty of Social Sciences, Department of Training and Education Sciences, Research Unit Edubron, Antwerp, Belgium

2: Centre of Expertise in Urban Education, Karel De Grote University of Applied Sciences And Arts, Belgium

3: Kaunas University of Technology, Lithuania

4: Department of Environmental Science and Agriculture, Faculty Of Education, Beit Berl College

5: ETH Zurich

Thursday, 10th of March 2022, Online Event

Session 3a, 14:00 - 15:00 CET

Environmental Citizenship in the Context of Environmental Education & Education For Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC's Working Group 4 Meeting

Chairperson: Dr. Jelle BOEVE-DE PAUW

R3-3a-1 - Youth Perception of Environmental Citizenship and Environmental Protection: Example of Duzce

Yaşar Selman Gültekin

Duzce University, Faculty of Forestry Department of Forest Engineering, Turkey

R3-3a-2 - Climate Youth Activism: Motivation, Aims and the Promotion of Transformative Learning

Niklas Gericke¹, Pedro Reis², Matthias Kowasch³, Joana P. Cruz⁴ & Katharina Kicker⁵

1: Karlstad University, Sweden

2: University of Lisbon, Portugal, Preis@le.Ulisboa.Pt

3: University College of Teacher Education Styria, Austria, Inland Norway University of Applied Sciences, University, Norway

4: University of Porto, Portugal

5: University of Graz, Austria

R3-3a-3 - Key Pedagogical Features and a Common Approach to Evaluate Education for Environmental Citizenship: an International Perspective

Marta Romero Ariza¹, Jelle Boeve-De Pauw^{2,3}, Daniel Olsson⁴, Peter Van Petegem², Gema Parra⁵ & Niklas Gericke⁴

1: Science Didactics Department, University of Jaén, Spain



2: Research Unit Edubron, Department of Training And Education Sciences, Faculty of Social Sciences, University of Antwerp, Belgium

3: Centre of Expertise In Urban Education, Karel De Grote University of Applied Sciences And Arts, Belgium

4: Department of Environmental and Life Science, Karlstad University, Sweden

5: Animal Biology, Plant Biology and Ecology Department, University of Jaén, Spain

Thursday, 10th of March 2022, Online Event

Session 3b, 15:15 - 16:15 CET

Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC's Trans Working Group Meeting

Chairperson: Dr. Andri CHRISTODOULOU

R4-3b-1 - A Liable Gender Approach in Environmental Grind in Albania

Nevila Xhindi¹ & Enis Sokoli²

1: Mediterranean University of Albania Tirana, Albania

2: Center for Comparative and International Studies, Tirana, Albania

R4-3b-2 - Increasing Individual Environmental Responsibility: an Evaluation on Bilecik Şeyh Edebali University Academicians' Environmental Attitude and Behaviours

Pınar Gültekin, Sultan Ece Altınok & Gamze Çoban

Duzce University Faculty of Forestry Department of Landscape Architecture, Turkey

R4-3b-3 - Nature2Design4Society: Nature-Based Solutions and Eco-Design Applied to Community Live Projects in London and Glasgow (2010-2020)

Cristian Suau Ibanez

ENEC MC Member (UK)

Thursday, 10th of March 2022, Online Event

Session 3c, 16:30 - 17:30 CET

Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC's Working Group 1 Meeting

Chairperson: Prof. Pedro REIS

R5-3c-1 - Education for Environmental Citizenship of Preservice Teachers in the Context of the COVID-19 Pandemic

Elisabete Linhares¹ & Pedro Reis²

1: Escola Superior De Educação Do Instituto Politécnico De Santarém, Complexo Portugal

Unidade De Investigação E Desenvolvimento Em Educação UIDEF, Instituto De Educação – Universidade De Lisboa

2: Instituto De Educação – Universidade De Lisboa

R5-3c-2- Education for Environmental Citizenship: Design of a Pedagogical Model for Primary Education

Teresa Monte¹ & Pedro Reis²

1: Instituto De Educação Da Universidade De Lisboa

2: Instituto De Educação Da Universidade De Lisboa

R5-3c-3- Towards a Pedagogy for Inclusive Environmental Citizenship Education: a Preliminary Learning Analysis for Undergraduate Education at an International University in Japan

Faezeh Mahichi, Peter W. Roux & Lailani Laynesa Alcantara

Ritsumeikan Asia Pacific University (APU), Japan

Thursday, 10th of March 2022, Online Event

Interactive Poster Session, 17:30- 18:00 CET

ENEC's Trans Working Group Meeting
Chairperson: Prof. Daphne GOLDMAN

IPS01 - Education for Environmental Citizenship: a Master's Course Incorporating International Collaboration

Ariel Sarid & Daphne Goldman

Faculty of Education, Beit Berl College, Israel

IPS02 - Developing an Evidence-Based Educational Course for Environmental Citizenship

Audra Balundė & Mykolas Simas Poškus

Mykolas Romeris University, Environmental Psychology Research Centre, Institute of Psychology

IPS03 - Fostering Adolescents' Environmental Citizenship-Relevant Behavior Via School-Based Intervention

Goda Kaniušonytė¹ & Audra Balundė^{1,2}

1: Mykolas Romeris University, Institute Of Psychology, Environmental Psychology Research Centre

2: University Of Groningen, Faculty Of Behavioral And Social Sciences, Department Of Psychology

IPS04 - Change the Story - Learning To Make A Difference In Climate Crisis

Luca Baglivo & Daniela Conti

Centre for Environmental Research, Documentation and Education CREDA, Parco Di Monza, Italy

IPS05 - Competences and Capabilities: a Relevant Resignification in Education for Environmental Citizenship

Mónica Ofelia García Calvo¹, Isabel Garzón Barragán¹ & Pedro Reis²

1: Universidad Pedagógica Nacional, Colombia

2: Instituto De Educação Da Universidade De Lisboa

IPS06 - The Role of Environmental Journalism and Documentaries as a Means of In-Formal Education for Environmental Citizenship

María Purificación Subires-Mancera & José Jesús Delgado-Peña

University of Málaga, Spain

Friday, 11th of March 2022, Online Event

Session 4, 08:15 - 09:30 CET

Environmental Citizenship in Different Sectors (Heritage, Tourism, Transport, Cities, Etc.)

ENEC's Trans Working Group Meeting

Chairperson: Dr. Pedro REIS

R6-4- 1 - Environmental Citizenship Role Enhancing Quality of Life

Zvi Weinstein

Israel Smart Cities Institute

R6-4- 2 - The Spatial Calibration of Environmental Citizenship: Identity Political Analysis of The Cycling Culture in a Small Provincial City

Simo Häyrynen

University of Eastern Finland

R6-4- 3 - Environmental Citizenship: Air Pollution Monitoring and Control

Beti Angelevska, Vaska Atanasova & Igor Andreevski

Faculty of Technical Sciences, University "St. Kliment Ohridski" Bitola, R.N. Macedonia

R6-4- 4 - European Green Deal and Environmental Citizenship: Two Concepts with Inseparable Relationship

Andreas Ch. Hadjichambis^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Sessions 1 & 7, 09:45 - 10:45 CET

Social, Economic and Political Dimensions of Environmental Citizenship Education for Environmental Citizenship in In-Formal Education.

ENEC's Trans Working Group Meeting

Chairperson: Dr. Audronė TELEŠIENĖ

R7-1-1 - Environmental Citizenship or Consumership - a Methodological Approach



Vladislav Kaputa, Hubert Paluš, Hana Maťová & Mikuláš Šupín
Technical University in Zvolen, Department of Marketing, Trade and World Forestry

R7-7-1 - Fostering Education of Environmental Citizenship Through Food Living Labs

Danielle Wilde & Mary Karyda
University of Southern Denmark,

R7-7-2 - Developing a Sustainability Academies, by Applying the Education for Environmental Citizenship Model

Danielle Wilde
University of Southern Denmark

Friday, 11th of March 2022, Online Event

Symposium Session 11:00-12:15 CET

Concepts of Empowerment: The Role of Energy and Environmental Citizenship in The Energy Transition

ENEC's Trans Working Group Meeting

Chairperson: Dr. David C. FINGER

SS-Intro - Concepts of Empowerment: The Role of Energy and Environmental Citizenship in the Energy Transition

Mehmet Efe Biresselioglu¹, Giuseppe Carrus², Frances Fahy³, Andrea Kollmann⁴, Jens Olgard Dalseth Røyrvik⁵

1: Izmir University of Economics, Izmir, Turkey

2: Università Roma Tre, Rome, Italy

3: National University of Ireland, Galway

4: Energieinstitut An Der Johannes Kepler Universität, Linz, Austria

5: Norwegian University of Science and Technology

SS01 – Community and Individual Dynamics of Energy

Citizenship: Evidence from The Literature Review of The DIALOGUES Project

Mehmet Efe Biresselioglu

Izmir University of Economics, Izmir, Turkey

SS02 – Individual and Collective Factors at the Basis Of Pro-

Environmental Behaviors, Sustainable Energy Choices and Energy Citizenship



Giuseppe Carrus
Università Roma Tre, Rome, Italy

**SS03 – Energyprospects - Current Perspectives on Energy
Citizenship**

Frances Fahy
National University of Ireland, Galway

**SS04 - Conceptualizing Energy Citizenship - Insights from the DIALOGUES
Project**

Andrea Kollmann
Energieinstitut An Der Johannes Kepler Universität, Linz, Austria

SS05 - The Difference of Urban and Rural Energy Citizenship in Norway

Jens Olgard Dalseth Røyrvik
Norwegian University of Science and Technology

Friday, 11th of March 2022, Online Event

Session 6, 13:45- 15:00 CET

Education for Environmental Citizenship in Non-Formal Education

ENEC's Trans Working Group 2 & 3 Meeting

Chairperson: Dr. Marie-Christine KNIPPELS

**R8-6-1 - Knowledge Use and Environmental Education in Hungarian School
Garden**

Imre Kovách^{1,2} & Boldizsár Megyesi¹

1: Institute for Sociology, Centre for Social Sciences, Hungarian Academy of Sciences

2: Department of Sociology and Social Policy, University of Debrecen, Hungary

R8-6-2 - Picture Environmental Citizenship as a Tree

Inger Birkeland & Mina Boldermo Eriksen

Department of Culture, Religion and Social Studies, University of South-Eastern Norway

**R8-6-3 - A Systematic Literature Review of K-12 Environmental Citizen
Science (CS) Initiatives as a Springboard For Education for Environmental
Citizenship**



Demetra Hadjichambi^{1,2}, Andreas Ch. Hadjichambis, Anastasia Adamou¹ & Yiannis Georgiou^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

R8-6-4 - Investigating Environmental Citizen Science Initiatives via the Lens of Education for Environmental Citizenship: a Systematic Review of Empirical Research

Anastasia Adamou¹, Yiannis Georgiou^{1,2}, Demetra Hadjichambi^{1,2}, And Andreas Ch. Hadjichambis^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

R8-6-5- A Systematic Review on the Participation Aspects of Environmental Citizen Science Initiatives

Michalis A. Vasiliades¹, Andreas Ch. Hadjichambis^{1,2}, Demetra Hadjichambi^{1,2}, Anastasia Adamou¹ & Yiannis Georgiou^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Session 5b, 15:15 - 16:45 CET

Education for Environmental Citizenship in Formal Education

ENEC's Trans Working Groups 1 & 2 Meeting

Chairperson: Dr. Marta ROMERO ARIZA

R9-5b-1 - International Initiative Enacted Locally. Initiative Eco-Schools in Slovenia. Results and Perspectives

Željko Oset^{1,2}

1: University of Nova Gorica, Slovenia,

2: Museum of Slovenian Independence, Slovenia

R9-5b- 2 - Video Annotations for the Development of Environmental Citizenship during Initial Teacher Education

Daniel Cebrián-Robles¹, Enrique España-Ramos² & Pedro Reis³

1: University of Málaga, Science Education Department, Spain

2: University of Málaga, Science Education Department, Spain



3: *Universidade De Lisboa, Instituto De Educação, Lisboa, Portugal*

R9-5b-3 - Research on the Environmental Citizenship of Students of the Sciences of Primary Education

Efthimia Baltioti & Marianna Kalaitzidaki

Department of Primary Education, University of Crete

**R9-5b-4- How Do Teachers Perceive Environmental Citizenship?
A Systematic Review of The Empirical Research**

Yiannis Georgiou^{1,2}, Andreas Ch. Hadjichambis^{1,2}, & Demetra Hadjichambi^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Final Plenary MC Meeting, 17:00-18:00 CET

Chairperson: Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of Cyprus Centre for Environmental Research and Education (CYCERE)



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Education for Environmental Citizenship



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